

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-003851

(43)Date of publication of application : 09.01.1996

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(51)Int.Cl. D04H 3/00  
B01D 39/16

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(21)Application number : 06-157989 (71)Applicant : TONEN CHEM CORP

(22)Date of filing : 16.06.1994 (72)Inventor : FUJII SHIGEO  
KAWAZOE MITSURU

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(54) POLYOLEFIN NONWOVEN FABRIC

(57)Abstract:

PURPOSE: To obtain a polyolefin nonwoven fabric excellent in filtering performance because of having many fine holes and having a high tensile strength.

CONSTITUTION: A polyolefin resin is blended with a high-boiling point solvent or a plasticizer compatible with the resin under a high temperature and the resultant gel-like material is spun by a blow method and the product is accumulated to form a nonwoven fabric and then, the high boiling point solvent or the plasticizer is removed from the nonwoven fabric to produce the objective polyolefin nonwoven fabric having fine multi-porous structure and  $\leq 50\mu\text{m}$  average diameter.

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LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's

decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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